

Kindly substitute the following for the second full paragraph on page 8:

Sub C1
#2

10057530-042502

The device 10 includes a space 86 formed between the bottom surface 46 of the top cap 12 and the top of the adhesive media 20. The space 86 generates flow through the sampler and sets up the impaction force of the contaminants. The size of the space 86 is selected to prevent smaller particles from exiting on the sides 94, 96 without striking the adhesive media 20. The height of the space 86 is determined by the depth of the recess 40 in the base 14. As air passes through this space 86, momentum and particle inertia cause the airborne contaminants to impact on the adhesive media 20. Thereafter, the air flows around the microscope slide 16, as generally indicated by the arrows designated 88. The air flow then enters an exit passage 90 before flowing into a vacuum line 92 and through the outlet 74 to the vacuum source 78. The exit passage 90 is located in the center of the circular depression 42 and is cross drilled to the vacuum line 92.

In the claims:

✓ Kindly substitute the following for pending claim 2:

Sub C2
#3

2. (Amended) The sampler of claim 1, wherein said inlet opening has a pair of generally straight opposing side portions and a pair of arcuate end portions.

Kindly substitute the following for pending claim 8:

Sub C2
#4

8. (Amended) A method of gathering airborne particles in a slit impaction sampler, comprising:
providing a microscope slide;
preparing said microscope slide with an adhesive media;
loading said slide into a base portion of the sampler;